REMARKS

Claims 1-49 are pending in this application. By this Amendment, claims 1, 3, 13, 25, 30 and 36 are amended to correct for various informalities and not to overcome prior art.

Reconsideration based on the above amendments and following remarks is respectfully requested.

I. Information Disclosure Statement

The Office Action did not return an initialed copy of the Information Disclosure Statements (IDSs) that were filed on February 15, 2002, May 17, 2002, November 18, 2002, February 6, 2003 and August 7, 2003. The Examiner is requested to consider the references and return initialed PTO-1449 with the next Patent Office communication. For the Examiner's convenience, a copy of the PTO-1449 for each of the above-identified IDS is attached hereto.

II. Claims 1-49 Satisfy the Requirements of 35 U.S.C. §112, First Paragraph

The Office Action rejects claims 1-49 under 35 U.S.C. §112, first paragraph, for failing to comply with the written description requirement. Specifically, the Office Action asserts that there is no support in the written description for the term "different" in the claim recitation "the underlying layer constituting a <u>different</u> layer relative to the first luminescent layer" set forth in independent claims 1, 13, 25, 30 and 36.

Claims 1, 13, 25, 30 and 36 have been amended to eliminate the rejected claim language. Thus, the rejection is moot. Withdrawal of the rejection of claims 1-49 under 35 U.S.C. §112, first paragraph, is respectfully requested.

III. Claims 1-49 Satisfy the Requirements of 35 U.S.C. §112, Second Paragraph

The Office Action rejects claims 1-49 under 35 U.S.C. §112, second paragraph, as being indefinite. Specifically, the Office Action asserts that the claim recitation "different layer" is not clear.

Claims 1, 13, 25, 30 and 36 have been amended to eliminate the rejected claim language. Thus, the rejection is moot. Withdrawal of the rejection of claims 1-49 under 35 U.S.C. §112, second paragraph, is respectfully requested.

IV. All Pending Claims Are Patentable

The Office Action rejects claims 13-15, 17-24 and 36-40 under 35 U.S.C. §103(a) over U.S. Patent No. 5,895,692 to Shirasaki et al. (hereinafter "Shirasaki"); and claim 16 under 35 U.S.C. §103(a) over Shirasaki in view of U.S. Patent No. 5,317,169 to Nakano et al. (hereinafter "Nakano"). The rejections are respectfully traversed.

Shirasaki does not teach or suggest the feature "the <u>luminescent material composition</u> serving as <u>luminescence function</u> and <u>carrier transfer function</u> in the formed at least one luminescent layer" recited in independent claim 13, and similarly recited in independent claim 36.

The Office Action, at page 6, in withdrawing its previously asserted rejection of claims 1-12, 25-35 and 41-49 under §103(a) over Shirasaki, admits that none of the prior art, including Shirasaki, discloses a <u>luminescent material composition serving as luminescence</u> function and carrier transfer function. This feature is found in independent claims 1, 25 and 30, as well as in independent claims 13 and 36.

Thus, Applicants respectfully submit that independent claims 13 and 36 are patentable over the applied art. Claims 14-24 and 37-40, which depend from claims 13 and 36, respectively, also are patentable over the applied art for at least the reasons discussed above. Withdrawal of the rejection of claims 13-15, 17-24 and 36-40 under 35 U.S.C. §103(a) is respectfully requested.

V. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-49 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

George P. Simion

Registration No. 47,089

JAO:GPS/al

Attachments:

Copies of PTO-1449 filed with Information Disclosure Statements on February 15, 2002, May 17, 2002, November 18, 2002, February 6, 2003 and August 7, 2003.

Date: November 20, 2003

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
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considered. Include copy of this form with next communication to applicant.

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ATTY DOCKET NO. US Dept. of Commerce Form PTO-1449 (REV. 8-83) PATENT & TRADEMARK OFFICE 101050 INFORMATION DISCLOSURE STATEMENT APPLICANT(S): Satoru MIYASHITA et al. (Use several sheets if necessary) FILING DATE: July 8, 1998 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) UCHIDA, Masao et al., "Color-Variable Light-Emitting Diode Utilizing Conducting Polymer Containing Fluorescent Dye", Jpn. J. Appl. Phys., Part 2 (1993), 32 (7A), L921-L924 (Chemical Abstract, Vol. 119, No. 16). DATE CONSIDERED **EXAMINER** Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not Examiner: considered. Include copy of this form with next communication to applicant.

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